

PAT-NO: JP406100949A
DOCUMENT-IDENTIFIER: JP 06100949 A
TITLE: METHOD FOR HEATING STEEL
SLAB IN SOAKING FURNACE
PUBN-DATE: April 12, 1994

INVENTOR-INFORMATION:

NAME	COUNTRY
FUNAKI, HIROYUKI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
SUMITOMO METAL IND LTD	N/A

APPL-NO: JP04251175
APPL-DATE: September 21, 1992

INT-CL (IPC): C21D009/70 , C21D001/00

US-CL-CURRENT: 432/6

ABSTRACT:

PURPOSE: To provide a heating method of steel slab in a soaking furnace, by which the oxidation of the steel slab is reduced due to the minimized exposed area of the piled steel slabs to oxygen to lower its reaction with oxygen in the furnace while the gas permeability, heat transmission among the steel slabs and heating efficiency are desirable.

CONSTITUTION: At the time of heating the steel slabs 2 piled up by multi-steps in a one way burning soaking furnace 1 having a lower burner in a furnace side wall arranged with a main burner or in an exhaust gas flue, dummy steel slabs 3 are put on the uppermost step and the lowermost surface. Each of the steel slabs 2 between the dummy slabs 3 is arranged and piled up by multi-steps in the closely contacting condition, and by minimizing exposed surface area of the steel slabs to the furnace atmospheric gas, the oxide film generated on the steel slab 2 is prevented and the steel slabs can be heated in such a state.

COPYRIGHT: (C)1994,JPO&Japio